

# APPLICATION

PERCOLATION TESTING

A 515042

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 313-2640

DISTRICT \_\_\_\_\_

DATE \_\_\_\_\_

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

AGENT OR PROSPECTIVE BUYER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION Benedict Farm LOT NO. \_\_\_\_\_

ROAD AND DESCRIPTION \_\_\_\_\_

TAX MAP \_\_\_\_\_ PARCEL # \_\_\_\_\_

SIZE OF LOT \_\_\_\_\_ TYPE BLDG. \_\_\_\_\_  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

\_\_\_\_\_  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

DISAPPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

# THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE

500

0' Topsoil  
 4" 1+ org brn  
 Sandy CL Lm  
 Rock ~ 5-10%  
 5 1/2' Micaceous SAND  
 Rock ~ 10-15%  
 H brn  
 1+ tan  
 1+ org brn  
 14' Bottom

499

TOPSOIL

DENSE RED CLAY  
 Mn aggregated  
 Rock ~ 5%

4 1/2' 1+ beige brn  
 1+ brn  
 1+ tan SAND  
 8' Rock frag 20-25%  
 13' Bottom

488

TOPSOIL

Micaceous SANDY CLAY Lm

5 1/2' white 1+ beige SAND  
 8' Rock frag ~ 5%  
 14' Bottom



SOIL PROFILE

486/490

0' Topsoil  
 Strongtan brn  
 3-4' SCL Lm trace rock  
 H beige fine SAND  
 Rock trace  
 for both holes  
 14' Bottom

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

6 1/2 - 7' East Wall

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/15/01	500	5 1/2' S	11:23 <sup>02</sup>	11:31	11:31	11:48	~17min
		14' B	—————→				PASS
	499	5 1/2' S	11:36 <sup>40</sup>	11:39 <sup>50</sup>	11:39 <sup>50</sup>	11:44	~4min
		13' B'	—————→				PASS
	488	6 1/2' S	11:51 <sup>04</sup>	11:58	11:58	12:11	13min
		14' B	—————→				PASS
	486	5 1/2' S	12:11 <sup>12</sup>	12:11 <sup>39</sup>	12:11 <sup>39</sup>	12:12 <sup>42</sup>	1min OK
		repair	12:14 <sup>28</sup>	12:15 <sup>38</sup>	12:15 <sup>38</sup>	12:16 <sup>40</sup>	1min
			12:17 <sup>16</sup>	12:18 <sup>49</sup>	12:18 <sup>47</sup>	12:20 <sup>00</sup>	2:47
	490	5 1/2' S / 14' D	12:25 <sup>36</sup>	12:26 <sup>21</sup>	12:26 <sup>21</sup>	12:30 <sup>10</sup>	~4:10 OK

REMARKS 486 Nice soils ~ 75' up from footslope of hill (also above opening of swale)

TYPE OF SOIL HOLES PER PLAN

TESTED BY Goedeeking ALSO PRESENT Chuck Croo

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME TRENCH WIDTH Mike & crew

INLET DEPTH MAXIMUM BOTTOM DEPTH SQ. FT/BEDROOM

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ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION Benedict Farms LOT NO. \_\_\_\_\_

ROAD AND DESCRIPTION \_\_\_\_\_

TAX MAP \_\_\_\_\_ PARCEL # \_\_\_\_\_

SIZE OF LOT \_\_\_\_\_ TYPE BLDG. \_\_\_\_\_  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # \_\_\_\_\_ DATE \_\_\_\_\_

# THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE

483

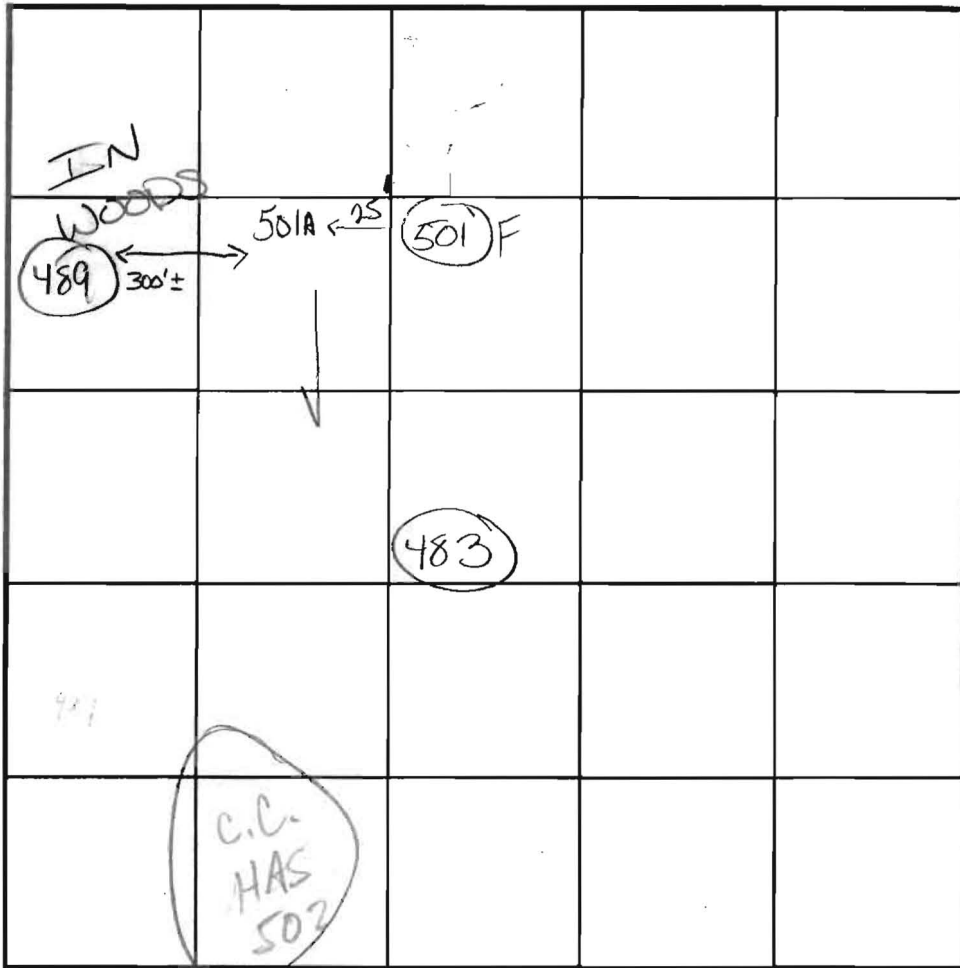
0' Deep Rd  
Dense  
CLM  
2' Mottles  
grey, red, tan  
3' Trace R  
7-8' granular  
Loam  
to  
SLM  
org brn  
beige  
Trace R  
Bottom 14'

501

org brn  
tan  
micaceous  
Sandy CL  
LM  
3' pink  
Quartzite  
~10%  
8-8 1/2' org brn  
brn  
Loam  
(some  
mica)  
Bottom 13'

489

wk rd brn  
10-15% Rx  
granular  
hwy SLM  
4' loose structured  
platy  
micaceous  
LM  
Rx 5-10%  
7' massive str  
OC  
lt brn  
micaceous  
fine  
SLM  
5-10% Rx  
14'



SOIL PROFILE

501A

like  
501  
but clay  
a little  
less deep

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
2-22-02	483	7' S	11:12:48	11:30:44	11:30:44	11:59:00	~30 min
		14' D					OK
	501	7' S	12:10:44	Fail -	Deep CLAY		
		13' D		less than 1/8"	in 1/2 hour		(F)
	489	7' S	12:24:35	12:32	12:32	12:41	9 min
		14' D					OK
	501A	7 1/2' S	1:05:30	1:20 <sup>15</sup>	1:20 <sup>15</sup>	1:41 <sup>00</sup>	21
		12' D					OK

REMARKS 483 Hole 501A NOT PER PLAN

TYPE OF SOIL \_\_\_\_\_

TESTED BY Goedeking ALSO PRESENT Chuck Croo  
Mike & Willie  
Johnson

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_

INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_

COUNTY #

SOIL PROFILE

0 472 504

deef orge

cl lm

10% frags

5 1/2

orge tan

beige

sa lm

10% frags

13 1/2 - 14

14

506 503

tan

sa cl lm

2 1/2 - 3 1/2

orge

cl lm

4 1/2 - 5

tan beige

white

sa lm

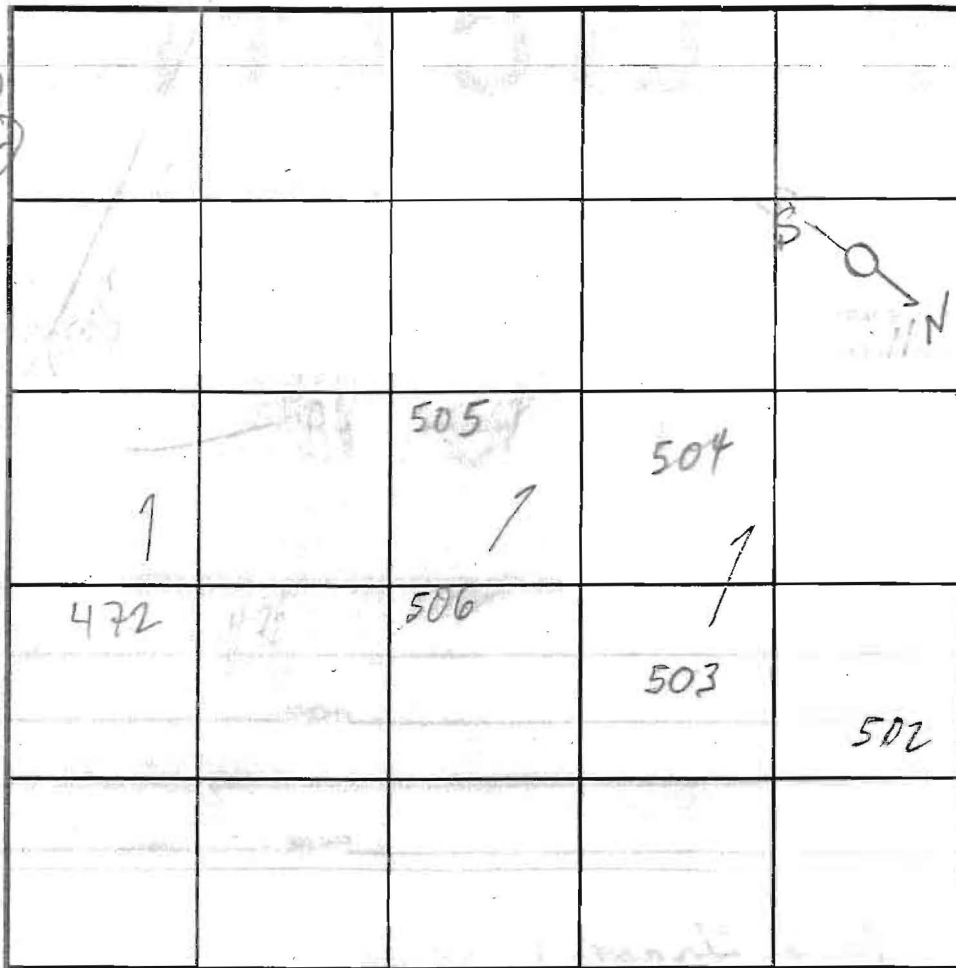
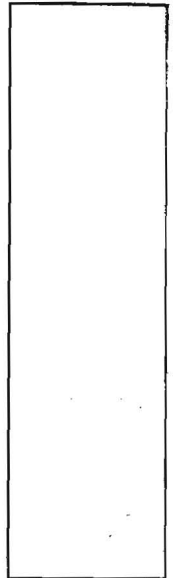
10% frags

13 1/2

14

SOIL PROFILE

0'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/15/01	472	6 1/2 / 13 1/2	10:24	10:28	10:28	10:34	6
	506	6 / 13 1/2	10:41	10:47	10:47	10:56	9
	503	6 1/2 / 13 1/2	11:02	11:10	3/4	11:20	FAST
	503	6 3/4 / 14	11:21	11:22	11:22	11:23	1
	504	6 1/2 / 14	11:06	11:08	11:08	11:12	4
	502	7 / 14	11:33	11:36	11:36	11:45	9

REMARKS HOLES PER PLAN, ALL HOLES OK

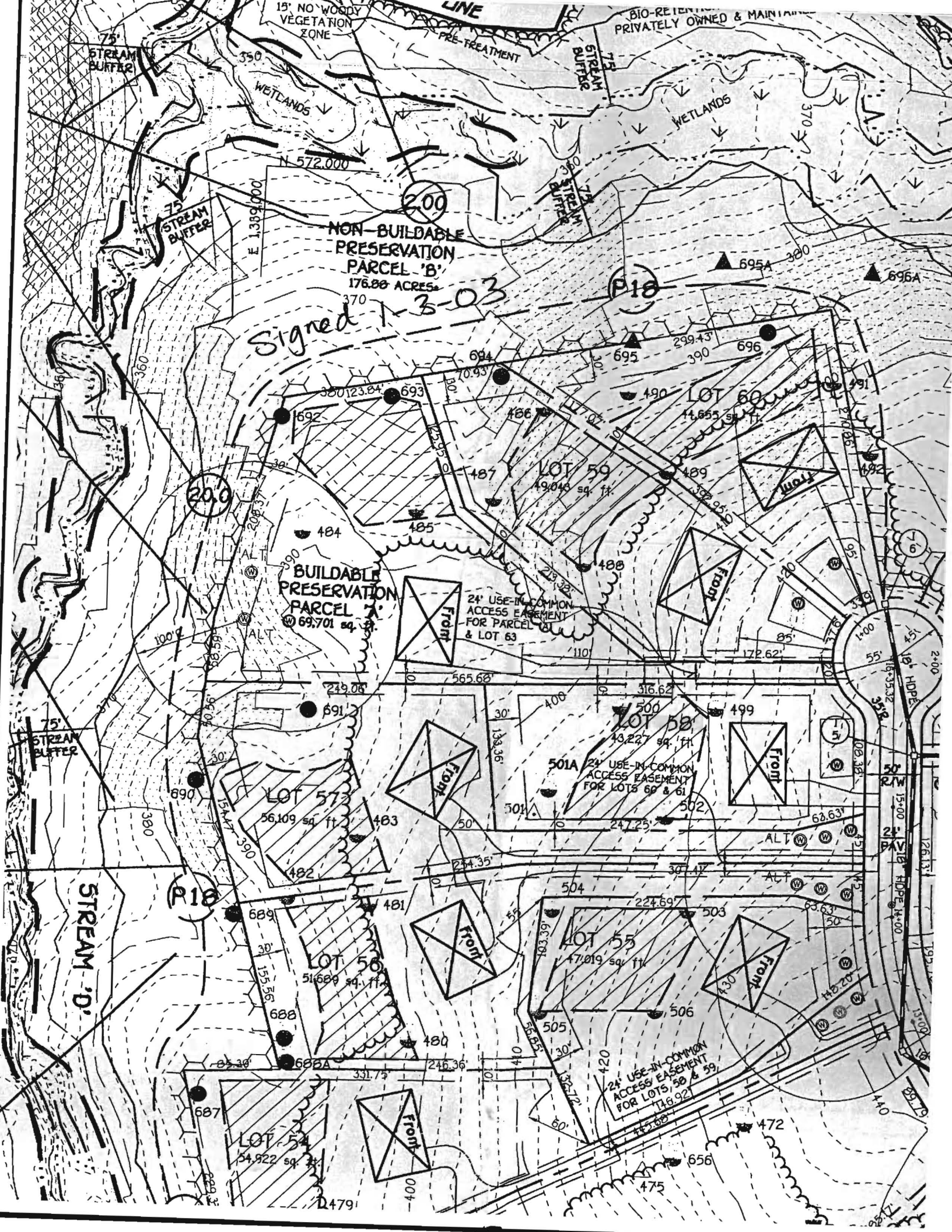
TYPE OF SOIL

TESTED BY MARK RIFKIN ALSO PRESENT Chuck Crowe

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME TRENCH WIDTH Mike & crew

INLET DEPTH MAXIMUM BOTTOM DEPTH SQ. FT./BEDROOM





15' NO WOODY VEGETATION ZONE  
PRE-TREATMENT

BIO-RETENTION  
PRIVATELY OWNED & MAINTAINED

NON-BUILDABLE  
PRESERVATION  
PARCEL 'B'  
176.88 ACRES

Signed 1-3-03

BUILDABLE  
PRESERVATION  
PARCEL 'A'  
69,701 sq. ft.

24' USE-IN-COMMON  
ACCESS EASEMENT  
FOR PARCEL 'A'  
& LOT 63

501A 24' USE-IN-COMMON  
ACCESS EASEMENT  
FOR LOTS 60 & 61

24' USE-IN-COMMON  
ACCESS EASEMENT  
FOR LOTS 58 & 59  
746,921

LOT 54  
54,922 sq. ft.

LOT 56  
51,689 sq. ft.

LOT 57  
56,109 sq. ft.

LOT 58  
43,227 sq. ft.

LOT 59  
49,046 sq. ft.

LOT 60  
44,655 sq. ft.

STREAM 'D'

P18

P18

200

200

75'  
STREAM  
BUFFER

75'  
STREAM  
BUFFER

75'  
STREAM  
BUFFER

75'  
STREAM  
BUFFER

N 572.000

E 1,389.000

D4791

7-6

15' HOPE

15' HOPE

15' HOPE

15' HOPE

15' HOPE

15' HOPE

15' HOPE

15' HOPE

15' HOPE

15' HOPE

15' HOPE

15' HOPE

15' HOPE

15' HOPE